

FIG. 1

FIG. 2 is a block diagram of a network system. The system includes a local network 10, a shipper 12, a carrier 13, and a central network 31. The local network 10 contains a computer 28, a modem 24, a database 26, and a server 25. A router 35 and a DSU/CSU 34 are also part of the local network. The shipper 12 includes a computer 12, a modem 12, and a facsimile 12. The carrier 13 includes a computer 13, a modem 13, and a facsimile 13. The central network 31 is a cloud-like structure with nodes. A T1 line 33 connects the DSU/CSU 34 to the central network. The central network 31 is connected to mail boxes/group fax 32 and an internet server 30. The shipper 12 and carrier 13 are also connected to the central network 31.

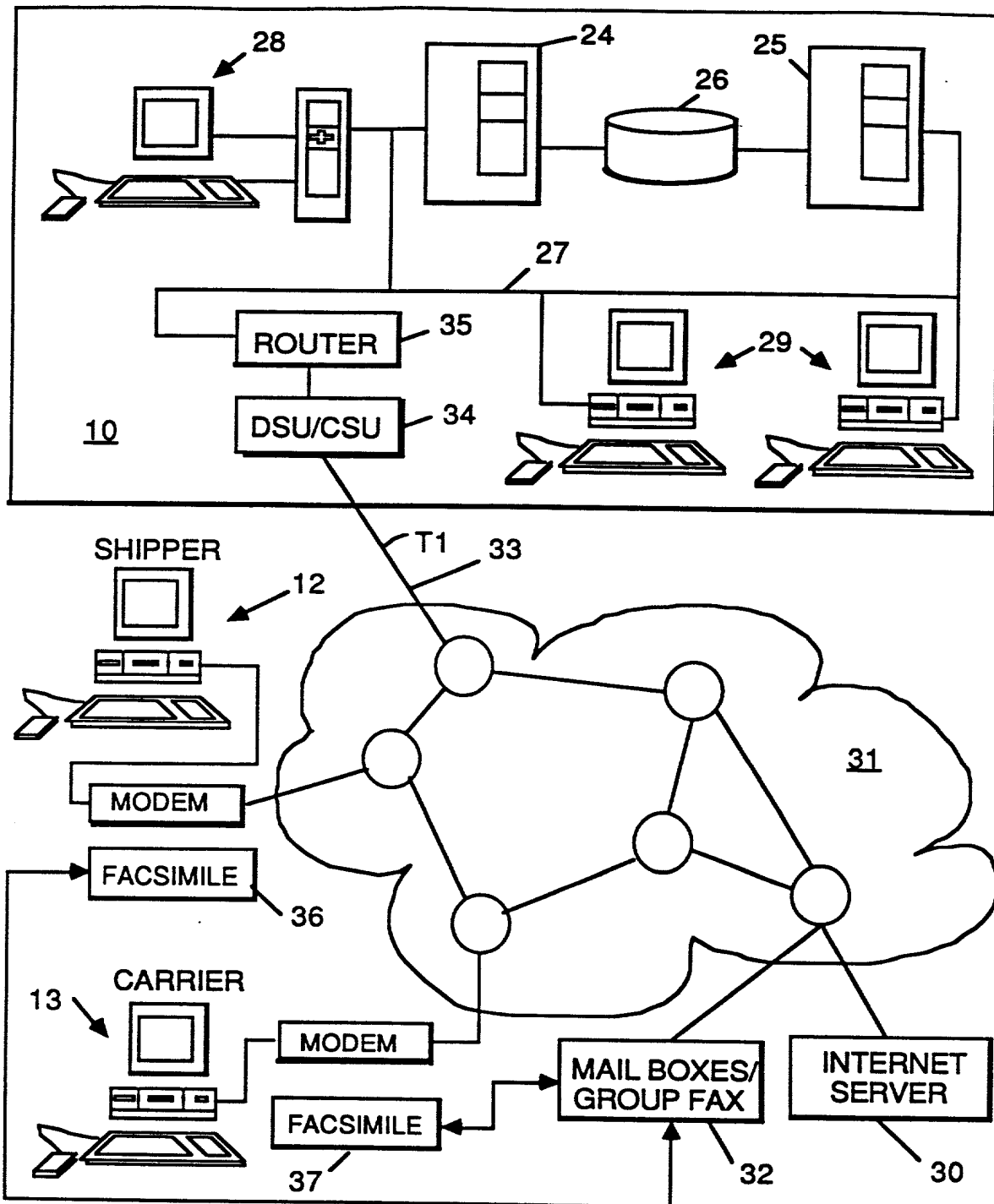


FIG. 2



## Carrier Requirements

47

Load Type	Transport Mode			Interlining Allowed	Communications	Hazardous License Required
<input type="checkbox"/> TL	<input type="checkbox"/> Air	<input type="checkbox"/> Rail	<input type="checkbox"/> Ship/Truck	<input type="checkbox"/> NA	<input type="checkbox"/> NA	<input type="checkbox"/> NA
<input type="checkbox"/> LTL	<input type="checkbox"/> Air	<input type="checkbox"/> Rail	<input type="checkbox"/> Ship/Truck	<input type="checkbox"/> NA	<input type="checkbox"/> NA	<input type="checkbox"/> NA
<input type="checkbox"/> CL	<input type="checkbox"/> Air	<input type="checkbox"/> Rail	<input type="checkbox"/> Ship/Truck	<input type="checkbox"/> NA	<input type="checkbox"/> NA	<input type="checkbox"/> NA
<input type="checkbox"/> LCL	<input type="checkbox"/> Air	<input type="checkbox"/> Rail	<input type="checkbox"/> Ship/Truck	<input type="checkbox"/> NA	<input type="checkbox"/> NA	<input type="checkbox"/> NA
Team Drivers:				<input type="checkbox"/> Yes		
Will the Driver Assist?				<input type="checkbox"/> Yes		
Minimum Cargo Insurance:				<input type="checkbox"/> Yes		

## Equipment Requirements

48

Is the Equipment Supplied?	Equipment Class	Equipment Type
<input type="checkbox"/> Yes	Trailer	<input type="checkbox"/> N/A
<input type="checkbox"/> No	Equipment Length:	Equipment Height:
<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A
<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A

Add any further description/directions Here:

49

Fig. 3b

Origin Company  
Street Address  
City, State, Zip  
Telephone, Fax  
Contact Name

Destin Company  
Street Address  
City, State, Zip  
Telephone, Fax  
Contact Name

Other Details

Click Here when Done.

43

Click Here to Clear the Form

44

**IATN: Load Matching - Freight Matching - Netscape**


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**IATN, Inc.**

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## Complete Request For Bid Demo

Last Accepted Bid Date  
Carrier Must Hold Until Date  
Shipper Load ID

Last Accepted Bid Time  
Carrier Must Hold Until Time

Load Type  
☒ TL  
☐ LTL  
☐ CL  
☐ LCL

Transport Mode  

Either/OR  
☐

Air  
☐

Rail  
☐

Ship  
☐

Truck  
☐

Stops

Carrier Qualifications

Load Description

Additional Information

Add Equipment

Document Done

Start IATN: Load Matching IATN: Load Matching

10:30 AM 3/21/98 3:50 PM

Fig. 3c

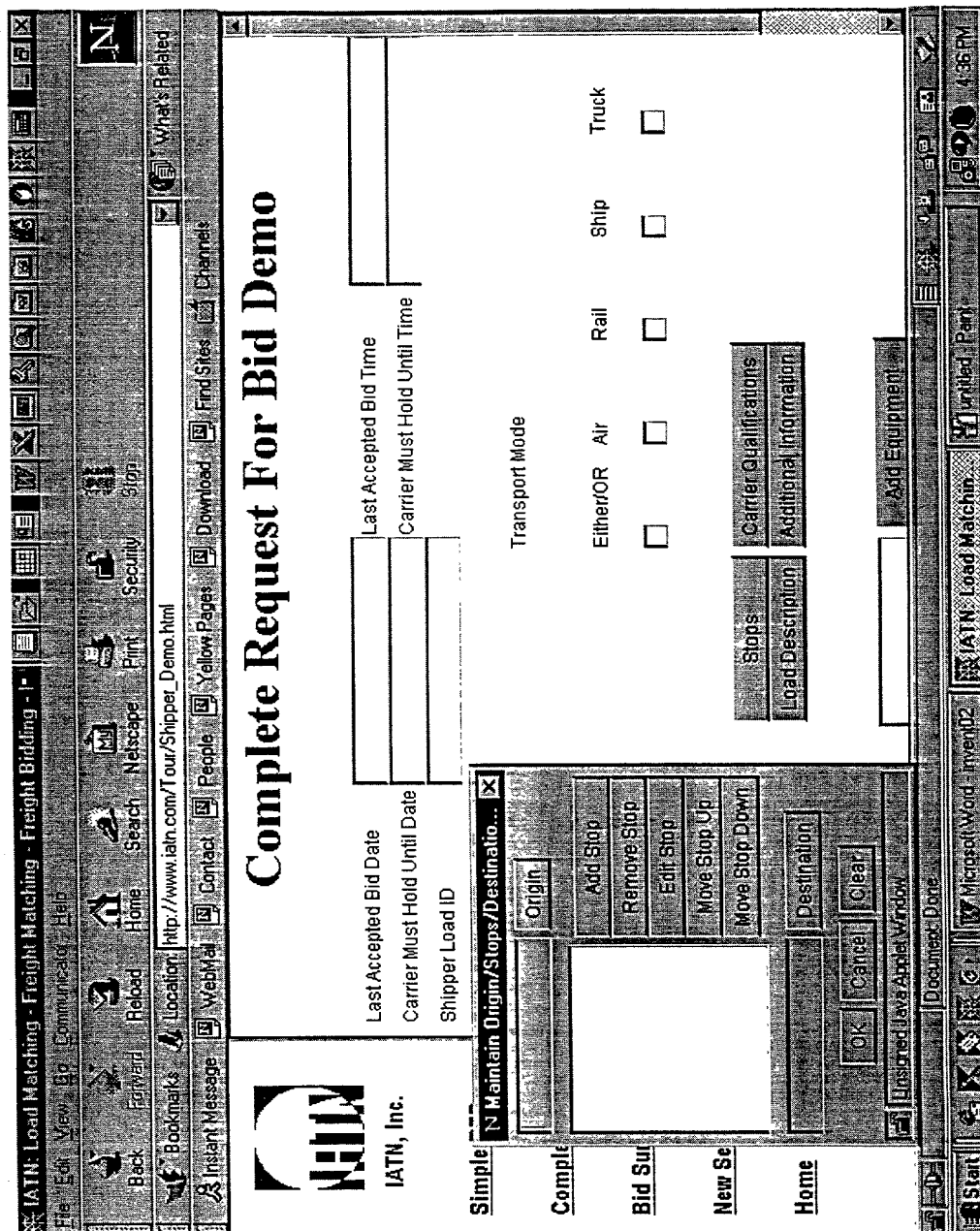


Fig. 3d

IAI™ Load Matching - Freight Matching - Freight Bidding - Netscape

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Bookmarks Local http://www.iatn.com/Tour/Shipper\_Demo.html

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# Complete Request For Bid Demo

**IATN, Inc.**

Last Accepted Bid Date

Last Accepted Bid Time

Carrier Must Hold Until Date

Carrier Must Hold Until Time

Additional Information

Enter Additional Information Below

OK Cancel Clear

Unsigned Java Applet Window

Transport Mode

Either/OR	Air	Rail	Ship	Truck
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Carrier Qualifications

Additional Information

Add Equipment

Start IATN: Load Matching - [X] unlinked - Print

N 8:00 AM 3:59 PM

Fig. 3e

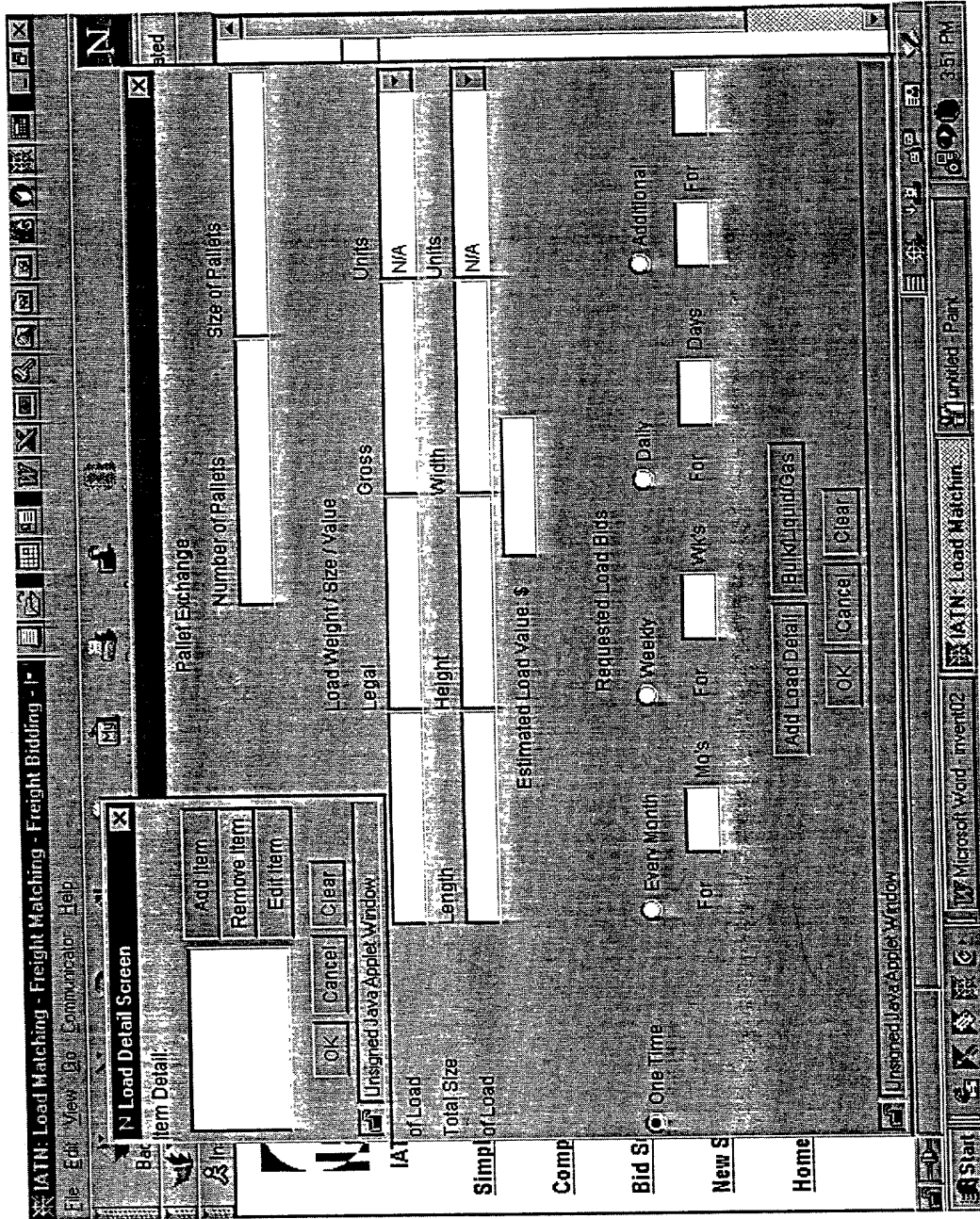


Fig. 3f





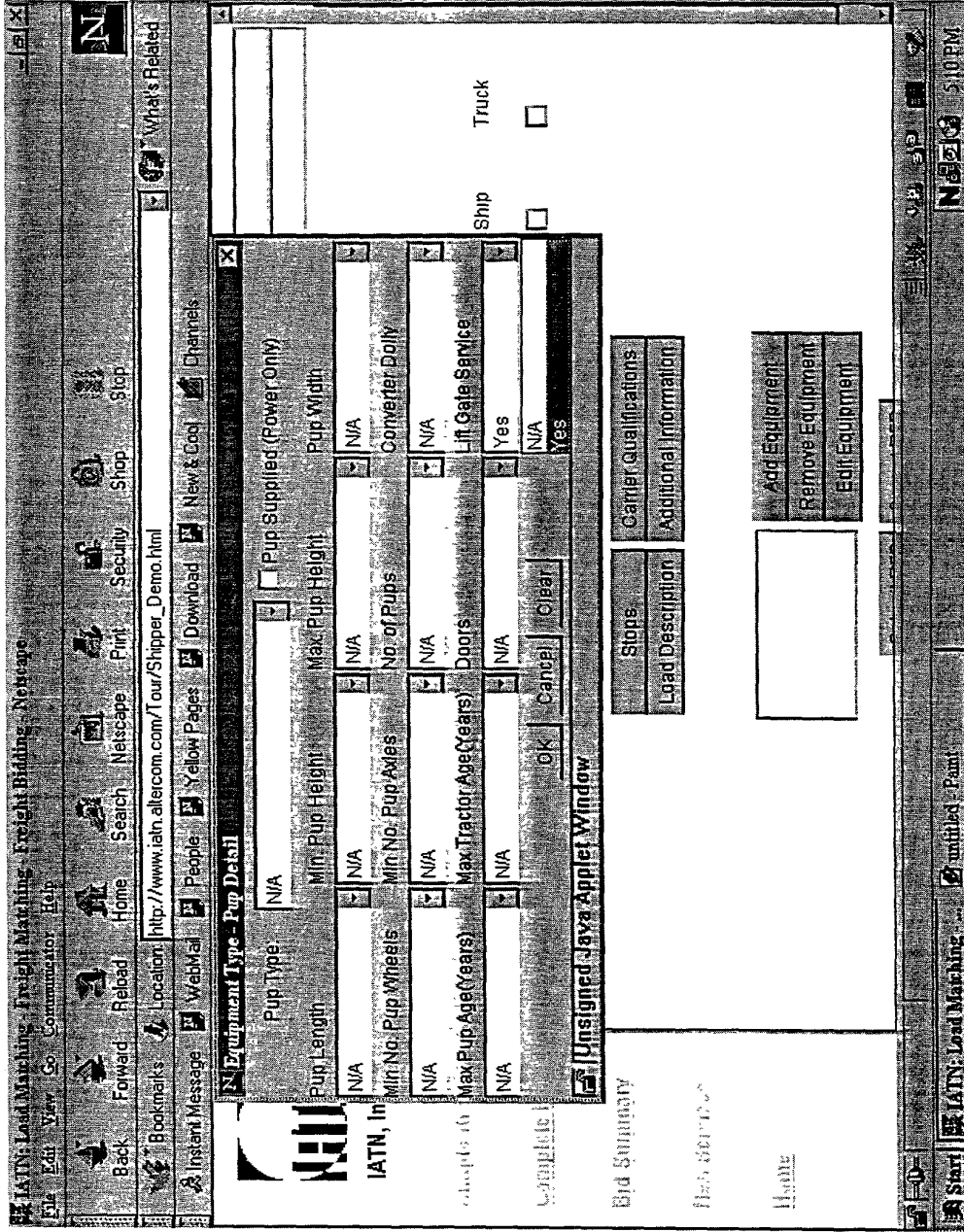


Fig. 3h





**N Carrier Qualifications Screen**

Min. On Time Delivery(%)  Min. Damage Free Delivery(%)

---

**N Driver Specifications Screen**

Min. DO

Min. Company Load  Min. Driver Load Type  Max. Driver Moving

Type Experience(Years)  Experience(Years)  last 5 years  Violations last 5 years

Min. Car  Team Drivers

Min.  Max.

Carrier Country  Carrier Type  Union/Non-Union  Maintenance Type

Driver Safety Program  Driver Drug Screening  Work Comp. Empl. Liab.  Interlining Allowed

Communications  Hazardous License Req.

Carrier Financial Ratings  Driver Specifications  Carrier Special Services  Carrier Authority

Unsigned Java Applet Window

Unsigned Java Applet Window

Add Equipment

Document Done

Microsoft Word - rven02

Unlited Part

3:23 PM

Fig. 3k



UNIVERSITY MICROFILMS  
SERIALS ACQUISITION  
300 North Zeeb Road  
Ann Arbor, MI 48106-1500  
Phone: (734) 769-0100  
Fax: (734) 769-0101  
E-mail: umi@umich.edu

**N Carrier Qualifications Screen**

Min. on Time Delivery(%)  Min. Damage Free Delivery(%)

Min. DOT  Min. Trans/Logst Rating

Min. Car  Liability  Min. Excess Liability  Min. Combined

Min. Car  Min. Size

Min. Car  # of Carrier Employees  or Carrier Class

Min. Car  Union/Non-Union  Maintenance Type

Min. Car  Driver Drug Screening  Work Comp. Emp. Liab.  Merch. Allowed

Min. Car  Communications  Hazardous License Req.

Min. Car  Carrier Financial Ratings  Driver Specifications  Carrier Special Services  Carrier Authority

Min. Car  OK Cancel Clear

Min. Car  Add Equipment

Min. Car  Microsoft Word - Inven02

Min. Car  Load Matchin

Min. Car  Unlabeled Part

Min. Car  3:38 PM

Fig. 31

UNIVERSITY MICROFILMS  
SERIALS ACQUISITION  
300 N. ZEEB RD.  
ANN ARBOR MI 48106-1500  
TEL: 734/769-0900  
FAX: 734/769-0901

N Carrier Authority Screen

Min. on N/A

Min. on N/A

Min. on N/A

Please click on the states or provinces below to select which states you require bidding carriers to have authority in. Please remember you can pick as many states or provinces as you wish for this particular load, even those states or provinces not pertaining to this carriage.

☒ 48 Interstate Authority

AL	AK	AR	AZ	CA	CO	CT	DC	DE	FL	GA	HI	IA	ID	IL	IN	KS
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
KY	LA	MA	MD	ME	MI	MN	MO	MS	MT	NC	ND	NE	NH	NI	NM	NV
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NY	OH	OK	OR	PA	RI	SC	SD	TN	TX	UT	VA	VT	WA	WI	WV	WY
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Canadian Provinces

☐ All 12 Provinces

AB	BC	MB	NB	NF	NS	NW	ON	PE	PQ	SK	YU
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

American carriers have partnerships with Mexican carriers to serve Mexico. If you choose an American carrier that carrier must interline to deliver your shipment to Mexico. If the carrier you choose does not have a partnership with a Mexican carrier, your shipment must be transloaded at the border. In the event you choose to have your shipment transloaded a forwarding agency must be used.

☐ American Carrier with a Mexican partnership

OK

Cancel

Clear

Unsaved Java Applet Window

Microsoft Word - Inven02

Untitled - Paint

3:38 PM

Fig. 3m

## Invitation To Bid

Phone: 1-800-866-IATN Fax:  
1-800-952-1194

Trans/log Number: 970501000503672

Please Enter a Bid Amount: US \$

Last Accepted Bid: Monday , 19 April  
1999 01:59 PM

Submit Bid

STOPS				Date & Time	Plus	Minus	Miles
Origin	AUSTIN	TX	US	20 Apr 1999 08:00 AM			
Destin	TEXAS CITY	TX	US	21 Apr 1999 05:00 PM			202
Total Mileage (Calculated By PC Miler)							202

### SHIPPER INFORMATION

Shipper Type = Independent Shipper	Annual Rev = 245000000	Employee Cnt = 220
D&B = pending	S&P = pending	CCA = pending
Moodys = pending		

LOAD TYPE	TRANSPORT MODE
Load Information = TL	Transport Mode = TRUCK

### Trailer Equipment:

Van or Reefer	Len Min = 48	Tandem Type =
Extendible Length Min =	Wheels =	Length Max =
Lift Gate Service =	Extendible Length Max =	Height Max =
Axles =	Trailer Age Max =	Height Min =
Num Of Trailers =	Van Shape =	Width Min = 102
Doors =	Van Type =	

## Additional Information

The Commodity to be shipped is GARBAGE BAGS.

The Carrier Must hold this Bid until 3:00:00 PM 04/19/1999.

22 Pallets/Exchange

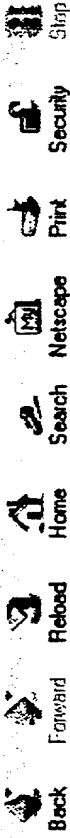
The Weight of this load is 41,600 LBS.

**FIG. 4**





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## IATN SHIP2



Best 7 Report

Translog Number:  
970501000507352

Shipper Load ID:

[Simple RFB](#)

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STOPS		Date & Time		Plus	Minus	Miles
Origin	ABBOTT	KY	26 Apr 1999 08:00 AM	:	:	:
Destin	ROCKLAND	PA	27 Apr 1999 05:00 PM	:	:	411
Total Mileage (Calculated By PC Miller)						411

RFB Information

1

2

3

4

Maximum Bid Amount 0.00

Actual Bids

395,0.0

Team Drivers

Y

Maintenance

Y

Hazardous

Y

Driver Experience Min

Y

N

Y

INT

Y

Applet BBS stopped

FIG. 5

☐ Origin:
 ☐ Onigin St
 ☐ Sort
 ☐ Filter
 ☐ BBS

Origin	St	Pickup Dc	Equip #	of Bids	Shipper
X EQUIP/MONTGOMERY	AL	EQUIP/TULSA	OK	MAR-01-2000	V 2-FQ0220001
EQUIP/SOUTH BOSTON	VA	EQUIP/RANDOLPH	NJ	FEB-24-2000	V 4-FQ02210002
EQUIP/PORTLAND	OR	EQUIP/SIOUX FALLS	SD	MAR-12-2000	F 1-FQ02210003
EQUIP/ANYWHERE	KS	EQUIP/ANYWHERE	IL	MAR-04-2000	R 2-FQ02210004
DULUTH	MN	HOUSTON	TX	MAR-05-2000	VR 0-FQ02210005
X KANSAS CITY	MO	JACKSONVILLE	FL	MAR-10-2000	V 1-FQ02210006
EQUIP/ANYWHERE	IA	EQUIP/COLUMBUS	OH	MAR-14-2000	V 0-FQ02210007
EQUIP/ORLAND PARK	IL	EQUIP/ANYWHERE	CO	MAR-09-2000	V 2-FQ02210008
X GREEN BAY	WI	LOMBARD	IL	MAR-03-2000	F 3-FQ02210009

Document: Done
 9:21 PM

Fig. 6

**Double Click on Posting to View an Invitation to Bid**

Origin	St	Destination	St	Pickup Dt	Delivery Dt	Equip	LO(FT)	WD(M)
CHICAGO	IL	LOS ANGELES	CA	MAR-24-1999		D4	40	
BOSTON	MA	CHICAGO	IL	APR-01-1999		D4	40	
BOSTON	MA	CHICAGO	IL	APR-01-1999	JUN-30-1999	D4	40	
BOSTON	MA	CHICAGO	IL	APR-01-1999		D4	40	
KEARNY	NJ	CHICAGO	IL	APR-01-1999		D7	45	
BOSTON	MA	CHICAGO	IL	APR-01-1999	JUN-30-1999	D4	40	
KEARNY	NJ	CHICAGO	IL	APR-01-1999		D7	45	
BOSTON	MA	CHICAGO	IL	APR-01-1999	JUN-30-1999	D7	45	
KEARNY	NJ	COLUMBUS	OH	APR-01-1999		D4	40	
BOSTON	MA	COLUMBUS	OH	APR-01-1999	JUN-30-1999	D4	40	
KEARNY	NJ	COLUMBUS	OH	APR-01-1999		D4	40	
BOSTON	MA	COLUMBUS	OH	APR-01-1999	JUN-30-1999	D7	45	
KEARNY	NJ	COLUMBUS	OH	APR-01-1999		D7	45	
BOSTON	MA	SAINT LOUIS	MO	APR-01-1999	JUN-30-1999	D7	45	

*Click on any Column Heading to Sort Postings*

**Represents Multiple Trailer Types**


**If the Grid does not appear, Your browser does not support Java v1.1.**

NOTE: Netscape Navigator cannot open files of type "application/x-wwp" or "application/x-wwp2". If you are having trouble opening a file, please check the file type and the file name.

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BookmarksNetsite: http://staging2.ew3.att.net:9719/cgi-bin/signon.cgi




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Your Selection for Translog Number > 66  
970501000504109

Carrier Name: Swift Transportation — 67

Contact Name: Jerry Clyborne — 68

Phone Number: (800)800-2200 2

65

69

70

This selection was made on Wed Apr 16 14:59:33  
US/Eastern 1999. If you wish to change your selection  
please contact IATN at 1(800)886-IATN. Ask for  
Operations and refer to Translog Number  
970501000504109.

IATN SHIP2

What's Related

FIG. 8

## SHIPPER PROFILE

COMPANY NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

BILLING ADDRESS \_\_\_\_\_

CONTACT PERSON \_\_\_\_\_

ADDRESS \_\_\_\_\_

PHONE NO. \_\_\_\_\_

FAX NO. \_\_\_\_\_

E-MAIL \_\_\_\_\_

38

AUTHORIZATION NO. \_\_\_\_\_

39

DAILY WEEKLY MO.

NONE ☐

FIXED  
( 4 DIGITS)

☐☐☐☐

VARIABLE ☐

☐

☐

APPROX. ANNUAL REVENUE \_\_\_\_\_

40

APPROX. NO. OF EMPLOYEES \_\_\_\_\_

DUN & BRADSTREET

☐☐☐☐☐☐☐☐

41

MOODY'S

☐☐☐☐☐☐☐☐

STANDARD & POOR'S

☐☐☐☐☐☐☐☐

YOUR CO. FUNCTIONS AS:

☐☐☐☐☐

42

SHIPPER CARRIER BROKER FWD 3PL

YOUR CO. IS RUN BY:

☐☐☐☐☐

FIG. 9

## CARRIER PROFILE

COMPANY NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

BILLING ADDRESS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

CONTACT PERSON \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

ADDRESS \_\_\_\_\_  
 \_\_\_\_\_

PHONE NO. \_\_\_\_\_

FAX NO. \_\_\_\_\_

E-MAIL \_\_\_\_\_

AUTHORIZATION NO. \_\_\_\_\_

DAILY WEEKLY MO.

NONE ☐

FIXED  
( 4 DIGITS)

VARIABLE

☐

☐

☐

MEMBER  
TYPE

☐

SHIPPER

☐

CARRIER

☐

BROKER

☐

FWD 3PL

☐

INTERLINING

☐

☐

YES

NO

APPROX. ANNUAL  
REVENUE \_\_\_\_\_

APPROX. NO.

OF EMPLOYEES \_\_\_\_\_

DUN & BRADSTREET

☐

☐

☐

☐

☐

☐

☐

☐

DOT RATING

☐

☐

☐

ON TIME DELIVERY \_\_\_\_\_ %

DAMAGE FREE DELIVERY \_\_\_\_\_ %

TEAM DRIVERS/ SLEEPERS/INTERNAL MAINT./ HAZARDOUS LICENSE

**FIG. 10a**

# DRIVER AND VEHICLE SAFETY INFORMATION

## INSURANCE INFORMATION

[illegible][illegible]

1

□

7

☐

1

1

1

**FIG. 10b**





Number of trailers: \_\_\_\_\_

Newest trailer age: \_\_\_\_\_

Newest trailer age: \_\_\_\_\_

Straight Truck: \_\_\_\_\_

TRAILER TYPE		DT DF F →											
LENGTH													
	20												
	26												
	↓												
	57												
WIDTH													
	96												
	102												
	OV												
HEIGHT													
	1 2/6												
	↓												
	1 4/6												
SIDES													
WHEELS													
AXLES													
DOORS													
HEATED													
LIFT GATE													
EXTENDIBLES													
TANDEMS													

FIG. 10d

PLEASE PRINT COMPANY RULES AND CHARGES OR PUT "N/A"

## ADVANCING CHARGES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

**FIG. 10e**